

ER-2 #809 12/04/15

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 16-9023

Payload Configuration: AMPR, CPL, eMAS, HIWRAP and AirMSPI-1

Nav Data Collected: Yes

Total Flight Time: 7 hours

Submitted by: Charles E. Irving on 12/04/15

Flight Segments:

From:	TCM	To:	TCM
Start:	12/04/15 13:05 Z	Finish:	12/04/15 20:06 Z
Flight Time:	7 hours		
Log Number:	162003	PI:	David Starr
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	Comments: Flight 16-9023 was the sixth science mission from KTCM with AMPR, CPL, eMAS, HIWRAP and AirMSPI-2. Flight took off on time from KTCM at 1305 local and landed in KTCM at 1705 local (7.0 hours). Stu Broce was the pilot. The ER-2 flew a sortie today observing postfrontal convection. The first five hours of the flight included coordinated data runs with DC-8 including overfly of NPOL site in SW and NE directions. Remainder were ER-2 only data runs. All objectives were met. Pilot noted sluggish control during ascent; potentially due to icing conditions. No in-flight instrument failures were noted by aircrew. Two 19 GHz AMPR channels; to be addressed after next flight.		

Flight Hour Summary:

	162003
Flight Hours Approved in SOFRS	70
Total Used	70
Total Remaining	0

162003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
11/10/15	16-9016	Check	2.3	2.3	67.7	
11/16/15	16-9017	Transit	2.7	5	65	
11/18/15	16-9018	Science	6.6	11.6	58.4	
11/23/15	16-9019	Science	8.2	19.8	50.2	
11/24/15	16-9020	Science	7.1	26.9	43.1	
12/01/15 - 12/02/15	16-9021	Science	5.1	32	38	
12/03/15	16-9022	Science	3.4	35.4	34.6	
12/04/15	16-9023	Science	7	42.4	27.6	
12/05/15	16-9024	Science	4	46.4	23.6	
12/08/15 - 12/09/15	16-9025	Science	3	49.4	20.6	
12/10/15	16-9026	Science	5.8	55.2	14.8	
12/12/15	16-9027	Science	4.1	59.3	10.7	
12/13/15 - 12/14/15	16-9028	Science	8	67.3	2.7	
12/15/15	16-9029	Ferry	2.7	70	0	

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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